

**ABSTRACT**

By using switches (110) that are synchronously controlled, the present invention permits connection of a plurality of antennae (130) to a plurality of radio front end units (radios 120) so that at any time any of the radios (120) may be assigned to any of the antennae (130) without leaving any radio (120) unconnected. A controller (140) arbitrarily assigns, at any time, any of the radios (120) to any of the antennae (130) while keeping every radio (120) connected to an antenna (130).